



NOV 24 2003

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/650,586
	Filing Date	Aug. 28, 2003
	First Named Inventor	Norman HARTY
	Art Unit	
	Examiner Name	
Sheet 1 of 1	Attorney Docket Number	2819-001

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Class/ Figures Appear
		Number-Kind Code ² (if known)			
CLF		US- 3,752,588	08/1973	Chapman	33/289
CLF		US- 3,985,356	10/1976	Carlock	33/289
CLF		US- 5,214,491	05/1993	Snowden	33/289
CLF		US- 4,090,708	05/1978	McPeak	33/289
		US-			
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FOREIGN PATENT DOCUMENTS						
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Examiner Signature		Date Considered	5-28-04
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